

## **TITLE 22 PROPOSED PUBLIC POOL REGULATIONS – JULY 2003**

The Department of Health Services (DHS) is working with the California Conference of Directors of Environmental Health to revise the existing public swimming pool regulations. These new regulations will require the public pools in California to meet current health and safety practices, standards, and operational requirements.

Inquires about these draft regulations should be directed to the Environmental Health Services Section, P.O. Box 942734, MS 7404, Sacramento, CA 94234-7320, Attention Dave Quinton.

# CALIFORNIA CODE OF REGULATIONS

## TITLE 22

### CHAPTER 20. PUBLIC POOLS

#### 65501. Definitions

(a ~~h~~) "~~Swimming~~ Public Pool" or "Pool" means an wholly artificial basin, chamber or tank constructed or prefabricated with impervious bottoms or sides that is used, or intended to be used, for ~~public~~ recreational swimming, diving, or ~~recreative~~ bathing, but does not include baths where the main purpose is the cleaning of the body, ~~nor~~ individual therapeutic tubs, or pools intended for non-commercial use by the occupants of not more than three dwelling or living units.

~~(b) "Wading Pool" means an artificial basin, chamber or tank used, or intended to be used for wading by small children and having a maximum depth of not to exceed 46 centimeters (18 inches) at the deepest point nor more than 30 centimeters (12 inches) at the side walls.~~

~~(c) "Special Use Pools" means pools designed and used exclusively for a single purpose such as wading, instruction, diving, competition or medical treatment where a licensed professional in the healing arts is in attendance.~~

(d) "Enforcing ~~Agent~~ Agency" means the Health Officer or Director of Environmental Health or ~~their~~ his or her designated ~~registered sanitarian representative~~ Registered Environmental Health Specialists or Environmental Health Specialist Trainees.

~~(e) "Temporary Training Pool" means an artificial basin, chamber or tank intended to be used for instruction in swimming and so constructed as to be readily disassembled for storage or for transporting to and reassembling at a different location.~~

~~(g i) "Spa Pool" means a pool, not used under medical supervision, that contains water of elevated temperature, and incorporates a water jet system, an aeration system or a combination of the two systems~~ that is constructed to incorporate a water jet system, an aeration system, or a combination of the two systems used in conjunction with water heated between 90° and 104° degrees Fahrenheit.

~~(g) "Department" means the State Department of Health Services.~~

(c) "Cyanuric Acid" means a chemical added to pool water to counteract degradation of the chlorine residual by ultraviolet light.

(a) "Clean pool water" means pool water that is free of dirt, oils, scum, algae, floating materials, or other visible organic and inorganic materials.

(b) "Clear pool water" means pool water that is free from cloudiness, and is transparent and has a Nephelometric Turbidity Unit reading of 0.5 or less.

(e) "Lifeguard" means a person who is responsible for supervision and lifesaving at a pool.

(f) "Lifeguard Service" means the attendance at a public pool, during periods of use, of one or more lifeguards, who have no other duties to perform other than to supervise the safety of pool users in water-contact activities.

(f) "ppm" means parts per million.

(g) "Pool User" means a person using a pool and adjoining deck areas for the purpose of water activity such as swimming, wading, diving or other water related activities.

Note: Authority cited: Sections ~~208~~ 100275 and ~~24102~~ 116050, Health and Safety Code.

Reference: Sections ~~24100~~ 116025 through ~~24109~~ 116068, Health and Safety Code.



### **65503. Scope.**

(a) The provisions of this Chapter shall apply to all public pools. ~~as defined in Section 65501,~~  
~~including but not limited to:~~ Examples of public pools include the following:

- (1) Commercial pools.
- (2) ~~Real estate~~ Health club pools.
- (3) Community building or area pools.
- (4) Hotel pools.
- (5) Motel pools.
- (6) Resort pools.
- (7) Auto ~~and, trailer park~~ or mobile home park pools.
- (8) ~~Auto court~~ Water park pools.
- (9) Apartment house pools.
- (10) Club pools.
- (11) Public or private school pools.
- (12) ~~Gymnasium~~ Swim school pools.
- (13) Health establishment pools.
- (14) Townhouse pools.
- (15) Condominium pools.
- (16) ~~Mobile home park~~ Medical facility pools.
- (17) Campground pools.
- (18) Homeowner association pools.
- (19) Bed and breakfast inn pools.
- (20) Licensed day care facility pools.

~~(b) Only private pools maintained by an individual for the use of family and friends are exempt from the provisions of this Chapter.~~

(e b) The provisions of this Chapter shall apply to all auxiliary structures and equipment provided and maintained in connection with public pools, including but not limited to:

(1) Locker rooms.

(2) Shower rooms.

(3) Dressing rooms.

(4) Toilet facilities.

~~(5)—Filtration equipment.~~

~~(6)—Pumping equipment—Recirculation equipment.~~

~~(7)~~ (6) Piping.

~~(8)~~ (7) Disinfecting equipment.

~~(9)~~ (8) Safety equipment.

Note: Authority cited: Sections ~~208~~ 100275 and ~~24102~~ 116050, Health and Safety Code.

Reference: Section ~~24100~~ 116025, Health and Safety Code.

**~~65505. Plans and Specifications.~~**

~~(a) A person proposing to construct, reconstruct or alter a swimming pool or auxiliary structure or equipment shall submit legible plans and specifications to the enforcing agent for review and written approval prior to the commencing the work and in advance of the issuance of any building, plumbing or electrical permit.~~

~~(b) Plans submitted for approval pursuant to this section shall be drawn to a scale of 1 centimeter equals 0.48 meters (1/4 inch equals 1 foot), except that plans for spa pools shall be drawn to a scale of 1 centimeter equals 0.12 meters (1 inch equals 1 foot).~~

~~(c) The enforcing agent may require the submission of such additional information as may be required to determine the compliance of plans and specifications submitted for approval.~~

~~(d) Within 30 days of the receipt of plans and specifications, the enforcing agent shall notify the person submitting the plans and specifications of their approval or disapproval.~~

Note: Authority cited: Sections 208 100275 and 24102 116050, Health and Safety Code.

Reference: Section 24101.1 116038, Health and Safety Code.

**~~65507. Records.~~**

~~(a) The enforcing agent shall retain one copy of the plans and specifications submitted for approval.~~

~~(b) At the request of the Department, the enforcing agent shall make available to the Department records pertaining to swimming pools which are within the enforcing agent's jurisdiction.~~

Note: Authority cited: Sections ~~208~~ 100275 and ~~24102~~ 116050, Health and Safety Code.

Reference: Section ~~24101.1~~ 116038, Health and Safety Code.



**~~65509. Construction.~~**

~~(a) Swimming pools shall be constructed, reconstructed or altered in compliance with plans approved pursuant to Section 65505, unless written approval of variance from such plans is obtained from the enforcing agent.~~

~~(b) Swimming pools shall conform to the requirements of Chapter 2 90, Title 24, Building Standards, California Administrative Code.~~

Note: Authority cited: Sections 208 100275 and 24102 116050, Health and Safety Code.

Reference: Section ~~24101.1~~ 116038, Health and Safety Code.

**~~65511. Inspection.~~**

~~(a) The swimming pool owner, or his designated agent, shall notify the enforcing agent at least two working days before guniting or constructing the pool shell to allow inspection and approval by the enforcing agent. Following pool construction, the enforcing agent shall again be notified at least two days in advance of placing the pool in operation to allow for final inspection and approval.~~

~~(b) No pool shall be placed in use without the written approval of the enforcing agent.~~

Note: Authority cited: Sections ~~208~~ 100275 and ~~24102~~ 116050, Health and Safety Code.

Reference: Sections ~~24101.1~~ 116038 and ~~24104~~ 116055, Health and Safety Code.

### **65521 Pool Supervision ~~Responsibility~~.**

(a) Every pool shall be under the supervision of a person who is ~~fully capable of, and~~ shall assume responsibility for, compliance with all requirements relating to pool operation, maintenance and safety of ~~bathers~~ pool users.

(b) ~~No pools shall be used or available for use unless all of the requirements of subsection (a) and the following are complied with.~~

~~(1) Routine (e.g. daily and weekly) operating procedures shall be permanently posted in a location accessible to and frequented by the operator.~~

~~(2) Manufacturers' instructions for operation and maintenance of mechanical and electrical equipment shall be kept available for the operator.~~

Pool users in a pool shall not exceed one person for each 20 square feet of pool surface area, except that pool users in a spa pool shall not exceed one person for each 10 square feet of pool surface area.

Note: Authority cited: Sections ~~208~~ 100275 and ~~24102~~ 116050, Health and Safety Code.

Reference: Sections ~~24101.2~~ 116040 and ~~24101.3~~ 116043, Health and Safety Code.

### **65523 Operation Records.**

- (a) Except as provided in Health and Safety Code Section ~~24101.5~~ 116048, the operator of ~~each~~ every pool open for use shall ~~keep a daily record of information regarding operation, including readings of disinfectant residual, pH, and maintenance procedures such as cleaning of filters and quantity of chemicals used.~~ manually test the disinfectant residual, pH and spa water temperature a minimum of once a day. The test results and operational or maintenance procedures shall be recorded in a log which shall be kept at the pool site.
- (b) If cyanuric acid by itself or in a combined form with ~~the~~ a disinfectant is added to a pool, the cyanuric acid concentration shall be measured a minimum of once per month and the results recorded shall be kept of the results of such testing in the log which shall be kept at the pool site.
- (c) Data collected pursuant to subsections (a) and (b) shall be maintained at least one year for inspection by the enforcing ~~agent~~ agency, or shall be submitted to the enforcing ~~agent~~ agency upon the agency's request.

Note: Authority cited: Sections ~~208~~ 100275, ~~24101.1~~ 116038 and ~~24102~~ 116050, Health and Safety Code.

Reference: Sections ~~24101.2~~ 116040, ~~24101.3~~ 116043 and ~~24101.5~~ 116048, Health and Safety Code.

## **65525 Recirculation and ~~Purification~~ Disinfection System Operation.**

(a) The pumps, filters, disinfectant and chemical feeders, flow indicators, gauges and all related parts of the pool water ~~purification~~ recirculation and disinfection systems shall be kept in operation ~~whenever~~ at all times the pool is available for use, and in addition the recirculation and disinfection systems shall be in operation a minimum of two hours before and two hours after the pool is available for use, and ~~at~~ such additional times ~~and periods~~ as may be necessary to maintain the water of the pool in a clear and disinfected condition.

(b) The variation in flow rate during a filtration cycle of an operating recirculation system shall ~~be such as to not reduce the flow below 65 percent~~ not be less than 75 percent of the rate required in Section ~~2-9032~~ 3124B of the California Building Code, Title 24, California ~~Administrative Code~~ of Regulations.

Note: Authority cited: Sections ~~208~~ 100275 and ~~24102~~ 116050, Health and Safety Code.

Reference: Sections ~~24101.3~~ 116043 and ~~24102~~ 116050, Health and Safety Code.

**~~65527-Clarity of Water~~ Clarity.**

The recirculation and ~~purification~~ disinfection systems shall be operated and maintained so as to keep the pool water clean and clear. ~~Under no circumstances shall~~ The pool shall not be used if the main drain(s) is not clearly visible from the deck. Such a pool shall be closed for use and shall not be reopened until the water is clean and clear, and upon specific written approval of the enforcing ~~agent~~ agency. If the pool drain is still not visible 48 hours following inspection and closure by the enforcing ~~agent~~ agency, the enforcing ~~agent~~ agency may order the pool drained as a safety precaution.

Note: Authority cited: Sections ~~208~~ 100275 and ~~24102~~ 116050, Health and Safety Code.

Reference: Sections ~~24101.3~~ 116043, ~~24102~~ 116050, and ~~24104~~ 116055, Health and Safety Code.

## 65529 Disinfection, ~~pH Control and Cyanuric Acid~~

(a) Pools, when open or in use, shall be disinfected continuously by a chemical which imparts a measurable residual effect. ~~and shall be maintained in an alkaline condition at a pH between 7.2 and 8.0. For pools using hypochlorite or gaseous chlorine without a stabilizer, a free chlorine residual of at least 1.0 ppm shall be maintained throughout the pool. If cyanuric acid or a chlorinated isocyanurate is used, a free chlorine residual of at least 1.5 ppm shall be maintained throughout the pool. The cyanuric acid concentration in any pool shall not exceed 100 ppm. Appropriate test kits for measuring the pH, concentration of the disinfectant, and, when used, concentration of cyanuric acid shall be provided at each pool. If halogens other than chlorine are used, residuals of equivalent strength shall be maintained. A test kit for measuring the concentration of the disinfectant accurate to within 0.1 ppm shall be available at each pool.~~

(b) The minimum and maximum levels of disinfectants shall be:

	<u>Free Chlorine Residual</u>		<u>Bromine Residual</u>	
	<u>Minimum</u>	<u>Maximum</u>	<u>Minimum</u>	<u>Maximum</u>
<u>Pools*</u>	<u>2.0 ppm</u>	<u>10.0 ppm</u>	<u>4.5 ppm</u>	<u>22.0 ppm</u>
<u>Spa &amp; Wading Pools</u>	<u>3.0 ppm</u>	<u>10.0 ppm</u>	<u>6.5 ppm</u>	<u>22.0 ppm</u>

\* Interactive water fountain/feature pools shall maintain a minimum Free Chlorine Residual of 3.0ppm

(b) ~~When test kits for chlorine utilize comparative color standards, the standards shall be accurate to within plus or minus 0.1 ppm. There shall be at least four color standards as follows: 0.6, 1.0, 1.5 and 2.0. The test kit shall be capable of testing for free chlorine residual.~~

(c) The enforcing ~~agent~~ agency may accept other disinfecting materials or methods after they have been demonstrated to provide a readily measurable disinfectant residual in the pool. Such materials or methods shall be as effective as the required chlorine concentration and must shall

not be dangerous to public health or create objectionable physiological effects. Appropriate test kits for any disinfecting material or method used must be provided on site and made available to the pool operator and the enforcing agency at all times the pool is in operation.

(d) A test kit shall be maintained for measuring the concentration of disinfectant, pH, total alkalinity, and when applicable, cyanuric acid, at each pool site. Test kits utilizing comparative color standards shall be accurate to within plus or minus 0.2 ppm for disinfectant residual and have at least five color standards for both disinfectant residual and pH. The test kit shall be the DPD (Diethyl-P-Phenylene Diamine) type or otherwise be capable of testing for free halogen residual.

Note: Authority cited: Sections ~~208~~ 100275 and ~~24102~~ 116050, Health and Safety Code.

Reference: Section ~~24101.3~~ 116043, Health and Safety Code



### **65530 Chemical Water Quality.**

Chemical quality of water in the pool shall not cause irritation of eyes, skin, or have other harmful physiological effects on the pool user. Chemical levels shall be maintained within the following ranges:

	<u>Minimum</u>	<u>Maximum</u>
<u>PH</u>	<u>7.2</u>	<u>7.8</u>
<u>Total Alkalinity</u>	<u>80 ppm</u>	<u>180 ppm</u>
<u>Cyanuric Acid</u>	<u>0.0 ppm</u>	<u>100 ppm</u>
<u>Combined Chlorine</u>	<u>0.0 ppm</u>	<u>0.5 ppm</u>
<u>ORP</u>	<u>650 mV</u>	<u>900 mV</u>

NOTE: If ORP (oxidation-reduction potential) readings are used in conjunction with chlorine and bromine they shall be maintained at values no less than 650 millivolts nor greater than 900 millivolts. Field testing of actual residual disinfectant levels shall be required.

Note: Authority cited: Sections 100275 and 116050, Health and Safety Code.

Reference: Section 116043, Health and Safety Code.

**65531 ~~Bacteriological and Chemical Quality of Pool Water~~ Microbiological Water Quality Standards.**

~~(a) Bacteriological quality of water in the pool shall be such that not more than two consecutive samples, taken when the pool is in use, shall~~ comply with the following:

~~(1) Contain more than 200 bacteria per millimeter, as determined by the standard (35°C) plate count; or~~

~~(2) Contain a total coliform organism MPN (most probable number) count of 2.2 or greater per 100 milliliters of sample.~~

(a) Standard Plate Count (Heterotrophic plate)

The number of Colony Forming Units (CFU) shall not exceed 200 colonies per milliliter.

~~(b) Chemical quality of water in the pool shall not cause irritation of eyes or skin of the bathers, or have other objectionable physiological effects on bathers.~~

(b) Total Coliform

(1) If the multiple-tube fermentation method is used a most probable number (MPN) of less than 2.2 per 100 milliliters.

(2) If the membrane filtration technique is used, the number of coliform organisms shall be less than one colony per 100 milliliters.

(3) If a quantitative method such as Idexx Colialert - 18 is used, a MPN of less than or equal to one per 100 milliliters.

Note: Authority cited: Sections ~~208~~ 100275 and ~~24102~~ 116050, Health and Safety Code.

Reference: Section ~~24101.3~~ 116043, Health and Safety Code.

### **65533 Cleanliness of Pool.**

(a) Floating scum, sputum or debris shall not be allowed to accumulate in the pool. Skimmers, where provided, and water levels shall be maintained and operated to continuously remove such material ~~continuously~~.

(b) The bottom and sides of the pool shall be cleaned as often as necessary to be kept in a clean condition. The sides and bottom of pools, decks and other surfaces shall be kept free of slime and algae.

~~(b) Animals shall not be permitted in the pool or pool area.~~

Note: Authority cited: Sections ~~208~~ 100275 and ~~24102~~ 116050, Health and Safety Code.

Reference: Section ~~24101.3~~ 116043, Health and Safety Code.

**65534 Animals**

Animals shall not be permitted in the pool. Animals shall not be permitted in the pool area except as provided by the Americans with Disabilities Act.

Note: Authority cited: Sections 100275 and 116050, Health and Safety Code.

Reference: Section 116043, Health and Safety Code.

### **65535 Cleaning and Maintenance.**

- (a) All parts of the pool, ~~and related pool facilities and~~ pool equipment, adjoining pool areas and ancillary facilities shall be maintained in good repair. ~~Floors shall be kept free from cracks and other defects and in compliance with Section 2-9021, Title 24, California Administrative Code. Walls, ceilings, partitions, doors, lockers and similar surfaces and equipment shall be refinished in a manner acceptable to the enforcing agent as often as necessary to be kept in a state of good repair.~~
- (b) ~~Hoses shall be provided for regular flushing and cleaning.~~ The whole pool area and ancillary facilities shall be kept clean, sanitary and free of litter and vermin.
- (c) Toilets, urinals, showers, ~~wash basins~~ lavatories and other plumbing fixtures shall be maintained in a clean condition, and in good repair.

Note: Authority cited: Sections 208 100275 and 24102 116050, Health and Safety Code.

Reference: Section ~~24101.3~~ 116043, Health and Safety Code.

**65537 ~~Bathing~~ Swim Suits, Caps and Towels.**

~~Bathing~~ Swim suits, caps and towels furnished by the ~~management~~ pool owner/operator shall be laundered and ~~clean, and caps shall be~~ sanitized after each ~~usage~~ use.

Note: Authority cited: Sections ~~208~~ 100275 and ~~24102~~ 116050, Health and Safety Code.

Reference: Section ~~24101.3~~ 116043, Health and Safety Code.

**65539 Lifesaving, ~~First Aid and Control of Bathers~~ Pool Users.**

- (a) Lifeguard services shall be provided in accordance with Section ~~24100.4~~ 116028, and ~~24101.4~~ 116045 of the Health and Safety Code. Current certifications of training in lifesaving for each lifeguard employed shall be available for inspection by the enforcing agency.
- (b) Where lifeguard service is provided, the number of lifeguards shall be adequate to maintain continuous surveillance over ~~the bathers~~ pool users.
- (c) ~~Where no lifeguard service is provided, a warning sign shall be placed in plain view and shall state "Warning No Lifeguard on Duty" with clearly legible letters at least 10.2 centimeters (4 inches) high. In addition, the sign shall also state "Children Under the Age of 14 Should Not Use Pool Without An Adult In Attendance."~~ For pools where lifeguards are required to be on duty, the pool owner/operator shall have an operational safety manual documenting all guard stations, supervision area limits, personnel rotation, first aid equipment and safety procedures.
- (d) ~~The enforcing agent may require posting of notices directing the bathers to make use of the toilets and showers before entering the pool. At all pools, diagrammatic illustrations of artificial respiration procedures shall be posted where clearly visible from the nearby deck. Such illustrations shall be protected against the elements. Also, the telephone number of the nearest ambulance, fire and police or sheriff's department shall be kept similarly posted along with the instructions that, if needed, manual or mouth to mouth artificial respiration should be started immediately and continued until a physician arrives or mechanical resuscitators are applied.~~ Lifeguards on duty shall not be subject to, or engage in, other tasks that will interfere with lifesaving and control of pool users.
- (e) ~~Every swimming pool shall be equipped for safety and rescue procedures with one or more rescue poles not less than 3.5 meters (12 feet) in length with body hooks, and one or more life~~

~~rings having a minimum exterior diameter of 43 centimeters (17 inches) readily accessible for use. Such life rings shall have attached to them an 0.476 centimeter (3/16 inch) line long enough to span the maximum width of the pool. The line shall be stored when not in use in such a way as to prevent kinking or fouling. When rescue can be effected from the perimeter of a spa pool, such a pool may be exempt from the requirements of this paragraph if so approved by the enforcing agent.~~ Lifeguards shall wear distinguishing apparel which clearly identifies them to pool users.

~~(f) When, in the opinion of the enforcing agent, any pool is of such size that unaided swimmings by lifeguards may not offer sufficient protection to swimmers, one or more square sterned boats equipped with oars, oarlocks and life rings, or paddle boats, as the enforcing agent shall order, shall be provided.~~ Lifeguards and other personnel designated in the operational safety manual shall have the responsibility to implement all rules and regulations pertaining to sanitation and safety at their assigned pool area.

~~(g) A first aid kit shall be provided at all swimming pools when required by the enforcing agent.~~

Note: Authority cited: Sections ~~208~~ 100275 and ~~24102~~ 116050, Health and Safety Code.

Reference: Sections ~~24101.2~~ 116040, ~~24101.3~~ 116043, and ~~24102~~ 116050, Health and Safety Code.



**65540 Safety and First Aid Equipment.**

The following safety and first aid equipment shall be provided and maintained, readily visible and available for use in the pool area at all times:

(a) A 17 inch minimum exterior diameter life ring with attached throw rope of 3/16 inch minimum diameter. The throw rope shall be a non-kinking type line, of sufficient length to span the maximum width of the pool.

(b) A 12 foot minimum fixed length rescue pole with a permanently attached body hook.

(c) For pools with lifeguard personnel on duty, each pool area shall have the following additional safety equipment:

(1) A rescue tube for each lifeguard.

(2) A standard Red Cross First Aid kit.

(3) Two or more blankets.

(4) An operating telephone.

(5) A backboard and head immobilizer

(d) Pools that exceed 75 feet in length or 50 feet in width shall provide a rescue pole and life ring on at least two opposing sides of the pool at centralized locations.

Note: Authority cited: Sections 100275 and 116050, Health and Safety Code.

Reference: Section 116043, Health and Safety Code.

## **65541 Health of Employees and Patrons.**

(a) No person having a communicable disease shall ~~be employed at a work while infectious in~~ any capacity involving contact with the pool users, the pool water, and the operation of the pool equipment or sanitary facilities at a public swimming pool unless consent is provided by a licensed physician as prescribed in subsection (b)(1).

(b) All ~~patrons pool users known to be, or suspected by the enforcing agent or the management of being afflicted with an infectious disease,~~ having a communicable disease while in an infectious state, suffering from a cough, cold ~~or sores, or wearing bands or bandages~~ nasal or ear discharges, or wearing bandages, shall be excluded from ~~all public bathing places~~ entering the pool water at all public pool facilities unless ~~at least one of the following conditions is met:~~

~~(1) The patron pool user~~ submits a current written statement, signed by a licensed physician, confirming that the ~~patron pool user~~ does not present a health hazard to other pool users.

~~(2) Pool use by patron is approved by the enforcing agent.~~

Note: Authority cited: Sections ~~208~~ 100275 and ~~24102~~ 116050, Health and Safety Code.

Reference: Sections ~~24101.2~~ 116040, ~~24101.3~~ 116043, and ~~24102~~ 116050, Health and Safety Code.

**~~Section 65543 Wading Pool – Water Clarity.~~**

~~The water of every wading pool shall be kept sufficiently clear so that the bottom of the wading pool will be visible at all times.~~

Note: Authority cited: Sections ~~208~~ 100275 and ~~24102~~ 116050, Health and Safety Code.

Reference: Section ~~24101.3~~ 116043, Health and Safety Code.

## **65545 Pool Closure.**

(a) ~~If, in the opinion of the enforcing agent,~~ a pool is maintained or operated in a manner which creates an unhealthful, unsafe, ~~or unsanitary condition,~~ such as fecal contamination, failure to meet water clarity requirements, disinfection, proper pH, safety or microbiological standards, or missing or broken suction grates, the pool may be closed for use by the enforcing ~~agent~~ agency. Such a pool shall not be reopened until corrections ~~is~~ are made, and upon specific written approval of the enforcing ~~agent~~ agency.

~~(b) Unhealthful, unsafe or unsanitary conditions include, but are not limited to, the failure to meet clarity, disinfection, pH, safety or bacteriological standards.~~

Note: Authority cited: Sections ~~208~~ 100275 and ~~24102~~ 116050, Health and Safety Code.

Reference: Sections ~~24101.2~~ 116040, ~~24101.3~~ 116043, ~~24104~~ 116055, Health and Safety Code.

## **65547 Compressed Gas Chlorine Gas Safety Requirements.**

(a) When compressed chlorine gas is employed, the pool owner shall comply with Section 6720, Division 6, Title 3, California Code of Regulations. ~~the following requirements shall be met:~~

~~(1) A solution of commercial strength ammonia shall be kept available for use in testing for chlorine gas leaks.~~

~~(2) A gas mask designed for use in a chlorine atmosphere shall be provided unless a self-contained breathing apparatus meeting the requirements of paragraph (a)(3) is provided. Gas masks shall be of a type approved by the U.S. Bureau of Mines and/or the National Institute for Occupational Safety and Health. The following requirements for gas mask canisters shall be met:~~

~~(A) A replacement canister shall be provided and kept serviceable. Any canister which has been utilized during chlorine leakage shall be discarded and a replacement canister provided.~~

~~(B) The date of attaching a canister to the mask breathing tube shall be recorded on the canister. The canister shall be discarded one year from the date of attachment, or sooner if the canister is expended as shown by the indicator color change.~~

~~(C) Date stamped expired canisters shall be replaced with unexpired, unused canisters.~~

~~(3) A self-containing breathing apparatus may be used in place of a gas mask only if all pool attendants and lifeguards who may be responsible for the health and safety of pool users have received formal training in the use of the equipment. Following initial formal training, responsible pool attendants and lifeguards shall receive refresher training at least once every six months if working at pools which are open year round. For pools open on a seasonal basis, all returning responsible personnel shall receive retraining on the use of the equipment before the pool is opened for the season. The self-contained breathing apparatus provided shall comply~~

~~with the provisions of Section 5144 of Title 8, California Administrative Code, and the following:~~

~~(A) Only parts approved for the specific respiratory system shall be used for replacement.~~

~~(B) The respirator equipment shall be kept at a readily accessible point outside the room in which the chlorinator is maintained.~~

~~(4) All swimming pools with gas type automatic chlorinators shall post in a conspicuous location near the entrance to the pool an emergency pool evacuation procedure.~~

~~(A) Emergency exit doors or gates shall not be locked when the pool is open for use. Keys to such doors and gates shall be readily available to pool attendants and lifeguards.~~

~~(B) Pool attendants and lifeguards shall receive training in the application of effective pool emergency procedures. Such training shall be reviewed at least once every six months for pools open year round. For pools open on a seasonal basis, training in emergency procedures shall be conducted before the pool is opened for the season.~~

Note: Authority cited: Sections ~~208~~ 100275 and ~~24102~~ 116050, Health and Safety Code.

Reference: Sections ~~24101.2~~ 116040, ~~24101.3~~ 116043, and ~~24102~~ 116050, Health and Safety Code.

#### **65549 Replacement of Equipment or Appurtenances.**

When fixed or installed equipment or appurtenances are changed or replaced, the change or replacement units shall meet applicable requirements of this Chapter and Chapter 31B, Title 24, subject to the provisions of Section ~~24102~~ 116050 of the Health and Safety Code. ~~and shall first be cleared by the enforcing agent before substitution if not an exact duplicate of the units being changed or replaced.~~

Note: Authority cited: Sections 208 100275 and ~~24102~~ 116050, Health and Safety Code.

Reference: Sections ~~24101.1~~ 116038, ~~24101.3~~ 116043, and ~~24102~~ 116050, Health and Safety Code.

### **65551 Shower, Toilet and Dressing Facilities.**

(a) For shower, toilet and dressing facilities, the walls, partitions, doors, lockers and similar surfaces which require periodic cleaning shall be maintained smooth and finished so as to facilitate cleaning. All employee and/or public restrooms and all fixtures shall be maintained in good repair and in a clean and sanitary condition at all times.

~~(b) Showers shall be provided with soap in soap dispensers or containers.~~

~~(e) (b) For toilet facilities, handwashing detergent or soap, sanitary towels or hot air blowers, and toilet tissues shall be provided in permanently installed dispensing devices. Duckboards, and~~  
footbaths are prohibited.

(c) Waste receptacles shall be provided and maintained in a sanitary condition.

Note: Authority cited: Sections ~~208~~ 100275 and ~~24102~~ 116050, Health and Safety Code.

Reference: Section ~~24101.3~~ 116043, Health and Safety